

### REMARKS

Applicants respectfully request reconsideration of this application as amended. Claims 1-28 were previously pending in the application. Claims 1-28 have been canceled without prejudice. New claims 29-44 have been added without introducing new matter.

The Specification has been amended without introducing new matter. Support of the amendment may be found, for example, in the now canceled claims 14 and 15.

In the Office Action, claims 14-15 are rejected under 35 U.S.C. §112, first paragraph for failing to comply with the written description requirement, claims 1-3, 6-10, 12-13, 16, 18-23, and 26-28 are rejected under 35 U.S.C. §102(b) as being anticipated by Ahn et al. (US Patent Pub. No. US 2002/0061745), claims 1, 4, 6, 16, 19, 22, 24-25, and 28 are rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al. (US 5,946,629), claim 5 is rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer in view of Chesnais et al. (US Patent Pub. No. US 2002/0087704), claim 11 is rejected under 35 U.S.C. §103(a) as being unpatentable over Ahn in view of Sawyer, claims 14-15 are rejected under 35 U.S.C. §103(a) as being unpatentable over Ahn in view of Sawyer, claim 17 is rejected under 35 U.S.C. §103(a) as being unpatentable over Ahn in view of Chesnais. Applicant has canceled claims 1-28 without prejudice, thus, obviating the above rejections.

New claims 29-43 have been added without introducing any new matter. Applicant believes that the newly added claims 29-43 are neither anticipated nor rendered obvious by any of the art of record, namely, Ahn, Sawyer, and Chesnais.

New independent claims 29, 34, 38, and 43 set forth a limitation, or a limitation similar thereto, of emulating a home locator register (HLR) at an interconnection coupled between the first and the second wireless networks to store profiles of a plurality of mobile communication devices operating on a second wireless network and to check destination information in the message from a first wireless network against at least a

portion of the profiles. It is respectfully submitted none of the art of record discloses at least the above limitation.

Ahn discloses an international roaming gateway system (IRGS) for connecting the CDMA system with the GSM system. To send a short message from a mobile device 250 in the GSM network to another mobile device in the CDMA network, the mobile device 250 in the GSM network sends a short message-sending to the MSC 230 in the GSM network. The MSC 230 then sends the short message-sending to the SMC 270 in the GSM network. When the SMC 270 receives the short message from the MSC 230, **the SMC 270 sends the location information request to the HLR 220** of the GSM system in step S920. In response to the location information request, **the HLR 220 sends the location information to the SMC 270** in step S930. Then the SMC 270 sends the previously received short message to the IRGS 300 that functions as the SMC of the CDMA network in step S940. The IRGS 300 converts the short message into a CDMA system type message and sends it to the MSC 130 of the CDMA system. (Ahn, para. [0119]-[0122]). In short, the GSM system uses its own HLR 220 to send a short message to the CDMA system. The IRGS between the CDMA system and the GSM system in Ahn does not emulate a home locator register (HLR) at an interconnection to check destination information in a message against at least a portion of the profiles of mobile communication devices operating on the CDMA network. Thus, Ahn is patentably distinguishable from the claimed invention for at least this reason.

Likewise, Sawyer does not disclose emulating a home locator register (HLR) to store profiles of a plurality of mobile communication devices operating on the second wireless network and to check destination information in the message against at least a portion of the profiles stored. Sawyer merely discloses sending messages from a mobile network to various non-mobile destination networks. According to Sawyer, a message from a mobile device is received at a message center. Then a text field of the message is analyzed to determine if a destination identifier 40 is included. Based on the destination

identifier, the message is reformatted and sent to the identified non-mobile destination network. (Sawyer, col. 5, ln. 58 – col. 6, ln.61; Fig. 3).

Chesnais also fails to disclose emulating a home locator register (HLR) to store profiles of a plurality of mobile communication devices operating on the second wireless network and to check destination information in the message against at least a portion of the profiles stored. Chesnais discloses receiving transport agents (RTAs) to convert the received incoming messages into a Uniform Media Format (UMF) and to extract features that can be used for analyzing the message (e.g., message destination, priority, sender identity, etc.). (Chesnais, p. 4, para. [0040] – [0041]).

Since the art of record do not disclose at least the limitation set forth above, the independent claims 29, 34, 38, and 43 are not anticipated nor rendered obvious by the art of record. Allowance of the independent claims 29, 34, 38, and 43 is respectfully requested.

New claims 30-33, 35-37, 39-42, and 44 depend from independent claims 29, 34, 38, and 43, respectively. Thus, having additional limitations, claims 30-33, 35-37, 39-42, and 44 are not anticipated nor rendered obvious by the art of record. Allowance of claims 30-33, 35-37, 39-42, and 44 is respectfully requested.


### CONCLUSION

Accordingly, Applicant respectfully submits that the new claims 29-44 are now in condition for allowance and such action is earnestly solicited.

Pursuant to 37 C.F.R. 1.136(a)(3), Applicant hereby requests and authorizes the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

Respectfully submitted,  
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